

Nylene® NX3055I Nylon 6

Category : Polymer , Film , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Film Grade

Material Notes:

Dry as molded. Film Grade. Nylene NX3055I is an extrusion grade nylon 6 suitable for cast film, blown film, and co-extrusion applications. NX3055I is highly crystalline which yields excellent roll uniformity in cast film. In addition to a low coefficient of friction, it has excellent melt stability, high melt strength, and is gel free. Film from NX3055I has superior grease resistance, toughness, resistance to abrasion, and does not absorb food odors. Nylene NX3055I meets the requirements of FDA regulation 21 CFR 177.1500 for direct food contact. Optimum processing conditions should provide a melt temperature of 525 - 540°F at the die. ALM, Nylene Canada, and Custom Resins are all operating companies of Polymeric Resources Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nylene-NX3055I-Nylon-6.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	290 %	290 %	Orientation not specified; ASTM D882
Secant Modulus	0.650 GPa	94.3 ksi	ASTM D882
Elmendorf Tear Strength MD	56 g	56 g	Orientation not specified; ASTM D1922
Film Tensile Strength at Break, MD	60.0 MPa	8700 psi	Orientation not specified; ASTM D882

Processing Properties	Metric	English	Comments
Processing Temperature	275 °C	527 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China